

PRE-FLIGHT CHECKLIST FOR PERSONAL EQUIPMENT SECTION

4020
1. Pre-Breathing Room (T.O. Minus 2:20):

- ☒ a. Orderliness
- ☒ b. Security
- ☒ c. Utilities (Electricity - Air Conditioning)

2. Ground Vehicle Check (T.O. Minus 2:20):

- ☒ a. Walk Around check
- ☒ b. Starting
- ☒ c. On Board: Spare Pack (1) - Facepiece (1) - D-2, 425 psi (2) - Cushions (2) - Parachutes (2).

3. Aircraft Oxygen Check (T.O. Minus 2:20):

- ☒ a. Position Seat Pack in cockpit
- ☒ b. Oxygen pressure 1800 to 2000 psi
- ☒ c. Connect oxygen and check for flow
- ☒ d. Check radio through seat pack
- ☒ e. Check face piece heat on normal and by-pass
- ☒ f. Arrange placement of seat belt, harness, seat pack leads

4. Pre-Breathing (T.O. Minus 2:00):

- ☒ a. Oxygen manifold and reduction system "ON"
- ☒ b. 150 psi connected to console
- ☒ c. Console check - flow and pressure 2 to 3 mm Hg
- ☒ d. Fit underwear to pilot
- ☒ e. Check and fit helmet assembly to pilot
- ☒ f. Connect face piece to console - turn "ON"
- ☒ g. Pre-breath pilot and note time "ON"

5. Check Personal Equipment:

- ☒ a. Suit condition
- ☒ b. Helmet
- ☒ c. Gloves

- ✓d. Boots
- ✓e. Parachute
- ✓f. Coveralls
- ✓g. Face piece and carrier
- ✓h. Store items in sequence of wear after check.
- ✓i. Periodically insure pilot's oxygen supply adequacy and comfort

6. Clothing Pilot (T.O. Minus :30):

- ✓a. Fit Pilot's suit assembly plus coveralls. Check all zippers, laces and general appearance.
- ✓b. Drinking water
- ✓c. Remove pilot from console (Time noted); connect to D-2 charged 425 psi

- ✓d. Escort pilot to vehicle and plane

7. At Aircraft (T.O. Minus :20):

- ✓a. Fit parachute and back pack to pilot
- ✓b. General evaluation of all garments
- ✓c. Pilot hook-up in aircraft: Seat pack hook-up; engage capstan and breathing supply hoses; engage flight face piece to "T" block; connect amphenol; connect "U" plug; oxygen "ON"; check flow and change face piece; shoulder harness and seat belt; face piece heat check; press to test and check inflation.
- ✓d. Recheck all items - get pilots approval
- ✓e. Technician and vehicle remain "on line" until aircraft departure.

8. Post Flight:

- ✓a. Report to aircraft at "Switch Off" time.
- ✓b. Assist pilot out of aircraft and remove headgear.
- ✓c. Remove personal equipment from cockpit.
- ✓d. Return pilot to operations.
- ✓e. Assist in removing clothing.
- ✓f. Clean and perform minute inspection of all equipment.
- ✓g. Report to de-briefing for pilot report.